

Pre-Construction Tolling of the SR 520 Floating Bridge

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Washington Transportation Commission
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**Washington State
Department of Transportation**

Agenda

- Overview of UPA
- Active Traffic Management
- Status of Tolling RFPs
- Other Activities

Lake Washington Urban Partnership



Artist's rendering of what electronic tolling might look like on the existing SR 520 Bridge

Funded by:



**U. S. Department of Transportation
Federal Highway Administration**

Designed to reduce congestion through the “Four T’s”:

- **Transit**
- **Technology**
- **Telecommuting**
- **Tolling**

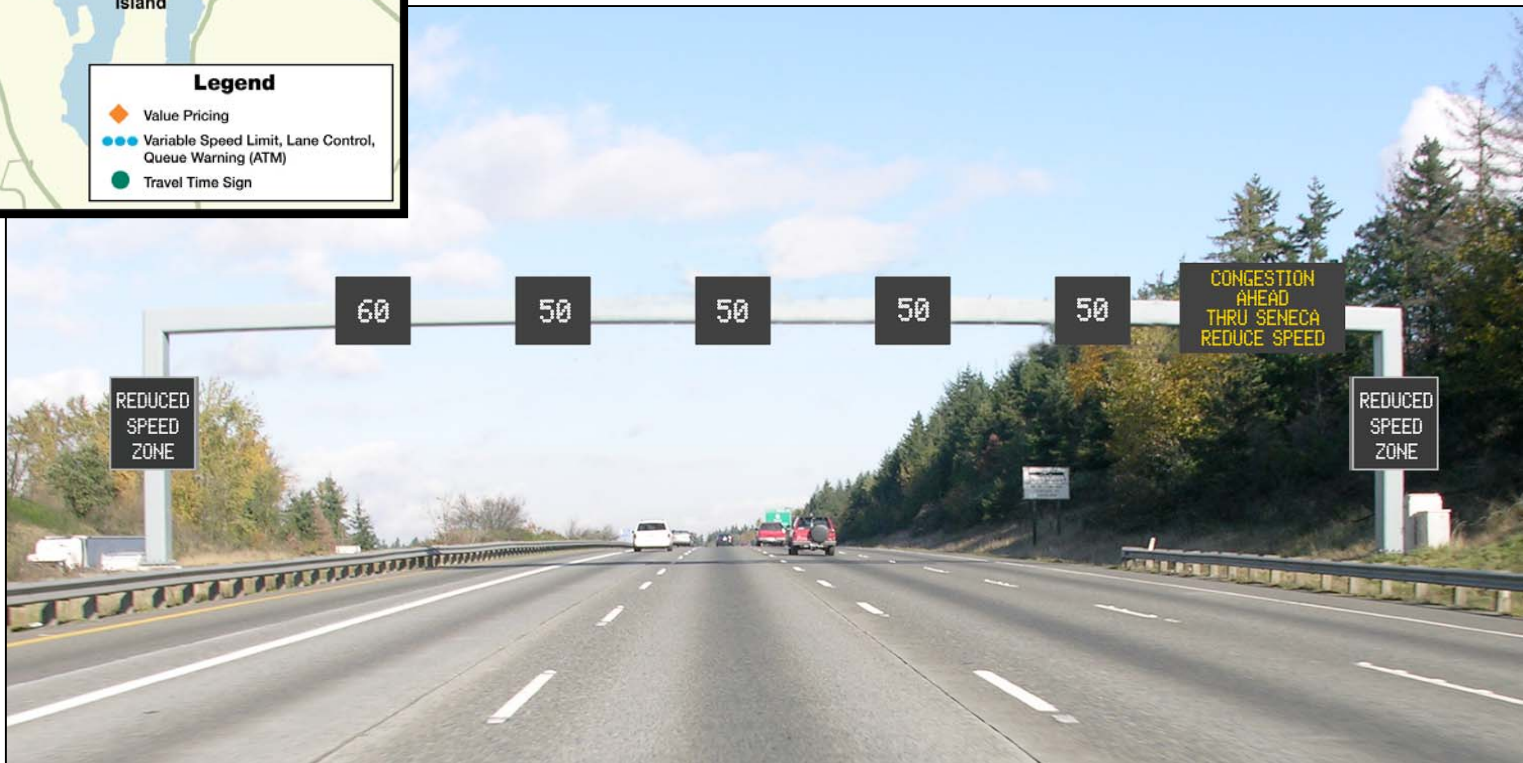
Awarded \$154.5 million to assist WSDOT, Puget Sound Regional Council and King County in applying these innovative approaches to reduce congestion in the SR 520 corridor in Western Washington.

LAKE WASHINGTON URBAN PARTNERSHIP



Active Traffic Management

- Technology
- Dual Purpose
 - Reduce secondary collisions
 - Decrease congestion



Three Tolling Procurements

- **Toll Collection System (TCS)** including civil structures, communications and system integration
- **Customer Service Center (CSC)** including back office service provider
- **Toll Equipment**, including toll tags and readers. WSDOT will purchase and supply to vendors.



Toll collection system

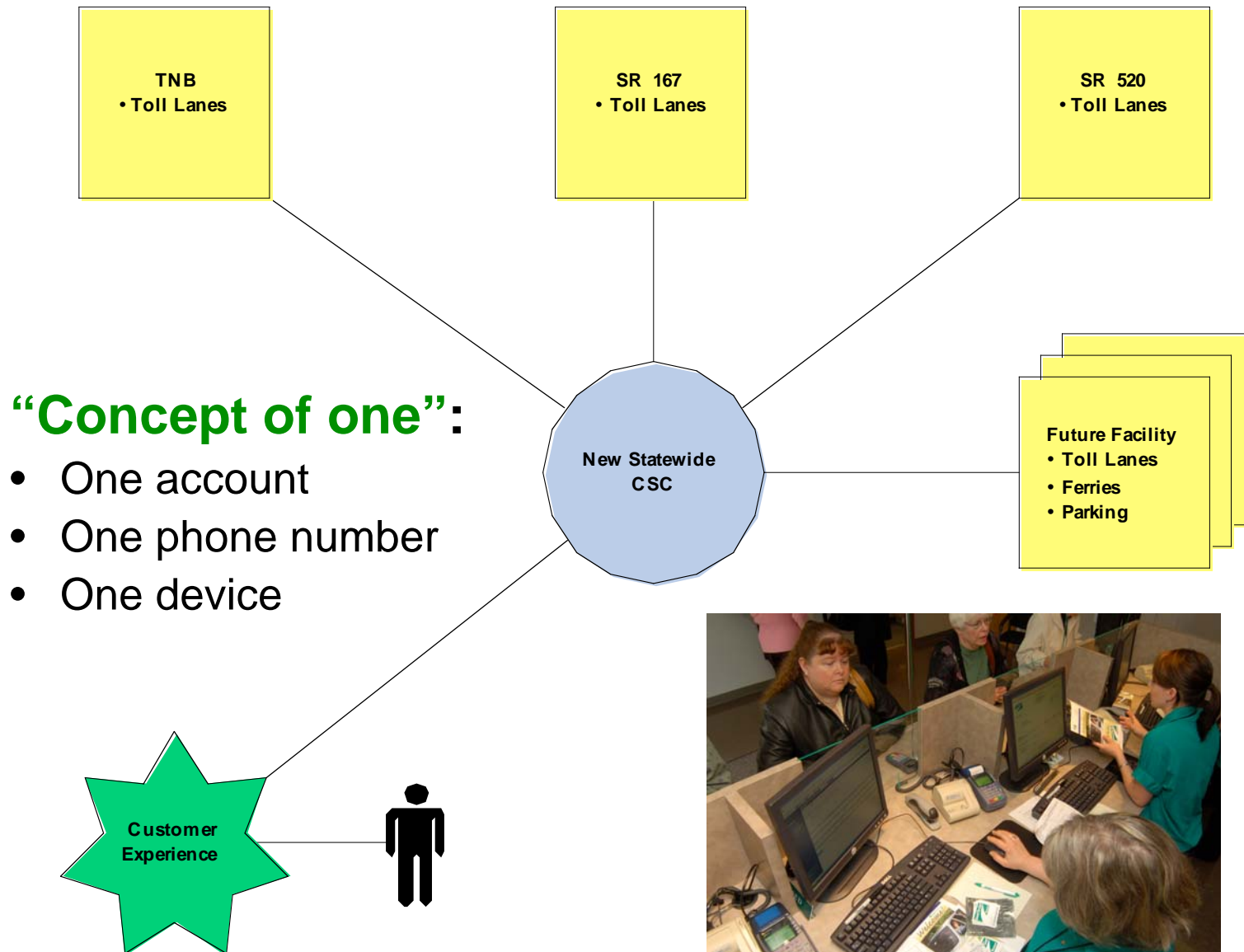


Includes:

- Civil structures
- Communications
- Identifying and properly recording transactions

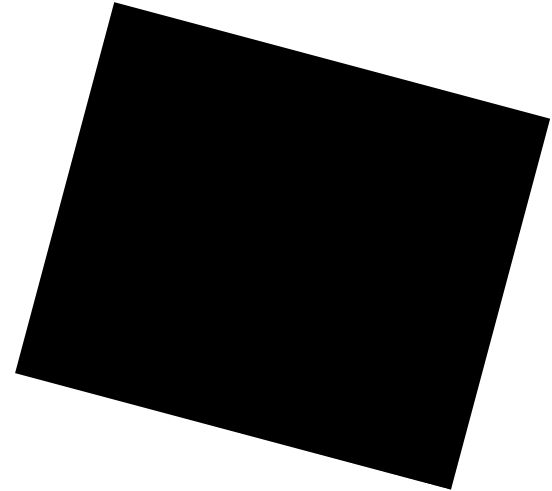


Customer Service Center

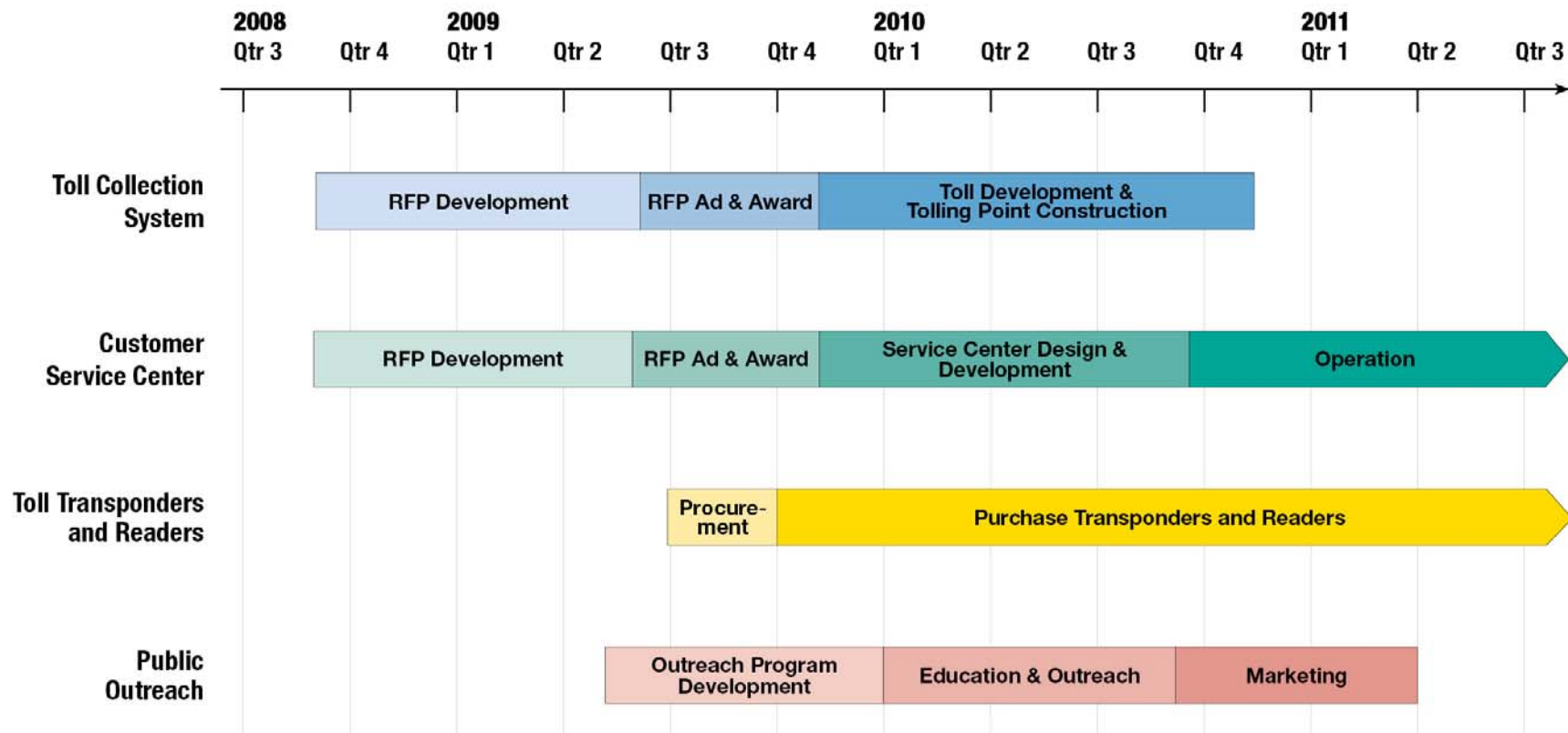


Transponders and readers

- WSDOT will purchase the transponders, vendor will distribute and manage inventory
- Advertising for three formats
 - eGo Sticker tag
 - CVISN tag
 - 5.9 GHz new standard
- Readers may recognize more than one tag protocol
- Will accept proposals to migrate to new standard
 - 5.9 GHz emerging national standard
 - Proposer would need to identify migration path



Schedule to get to tolling on SR 520



Other activities

- Joint Transportation Committee's Expert Review Panel
- Renegotiation of UPA term sheet with FHWA